



US Army Corps
of Engineers®

Nashville District

Public Notice

Public Notice No. 07-34

Date: April 12, 2007

Application No. 200700658

Expires: April 27, 2007

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214
Attn: Floyd M. Carnes

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
AND
COMMONWEALTH OF KENTUCKY

SUBJECT: Proposed Boat Launching Ramp and Access Road at
Alligator Creek Mile 0.2, Right Bank, Cumberland River Mile
476.2, Right Bank, Lake Cumberland, Russell County, Kentucky

TO ALL CONCERNED: The application described below has been
submitted for a Department of the Army Permit pursuant to **Section
10 of the Rivers and Harbors Act of 1899 and Section 404 of the
Clean Water Act (CWA)**. Before a permit can be issued,
certification must be provided by the Commonwealth of Kentucky,
Natural Resources and Environmental Protection Cabinet, Division
of Water, pursuant to Section 401(a)(1) of the CWA, that
applicable water quality standards will not be violated. By copy
of this notice, the applicant hereby applies for the required
certification.

APPLICANT: Kentucky Department of Fish and Wildlife Resources
1 Sportsman's Lane
Frankfort, Kentucky 40601

LOCATION: Alligator Creek Mile 0.2, Right Bank, Cumberland River
Mile 476.2, Right Bank, Lake Cumberland, Russell County, Kentucky
(USGS ELI, KY Quadrangle; Long: 84-55-31.9; Lat: 37-0-30.2)

BACKGROUND: The United States Army Corps of Engineers (Corps) has
lowered Lake Cumberland to Elevation 680.0 from its normal
Elevation of 723.0 to relieve stress on Wolf Creek Dam and
facilitate remedial work.

DESCRIPTION: The proposed work consists of constructing a new
concrete public boat ramp at the relocated Alligator One Dock.
The marina is being relocated to this new site due to the reduced

water levels at its' current location. The ramp would measure approximately 288' x 28' would extend to bottom Elevation 674.0. The ramp would be constructed in two sections. A 243' x 28' slab would be poured above proposed low water elevation of 680.0. The secondary slab measuring 45' x 28' would be pushed into place after curing. All concrete would be class "A" 4,000 PSI and reinforced with fiberglass mesh. Eight linear feet of riprap would be placed on either side of the ramp to prevent undercutting and provide stabilization. A 30' x 44' rock extension would be placed at the end of the ramp. The rock used at the extension would be class II rock. In addition to the ramp, an access road would be constructed. The access road would be approximately 24' wide and 440' long and composed of gravel and small stone. The access road would be below Elevation 723.0. Fill material for the access road would be obtained from on-site.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors

listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Based on available information, the proposed work will not destroy or endanger any federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals may be required for the proposed work. Water quality certification from the Commonwealth of Kentucky is required in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before **April 27, 2007**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Floyd M. Carnes, at the above address, telephone (615) 369-7503.

If you received this notice by mail and wish to view all of the diagrams, visit our web site at:

<http://www.lrn.usace.army.mil/cof/notices.htm>, or contact Mr. Carnes at the above address or phone number.

USGS TOPOGRAPHICAL MAP

ELI, KY

PROJECT LOCATION

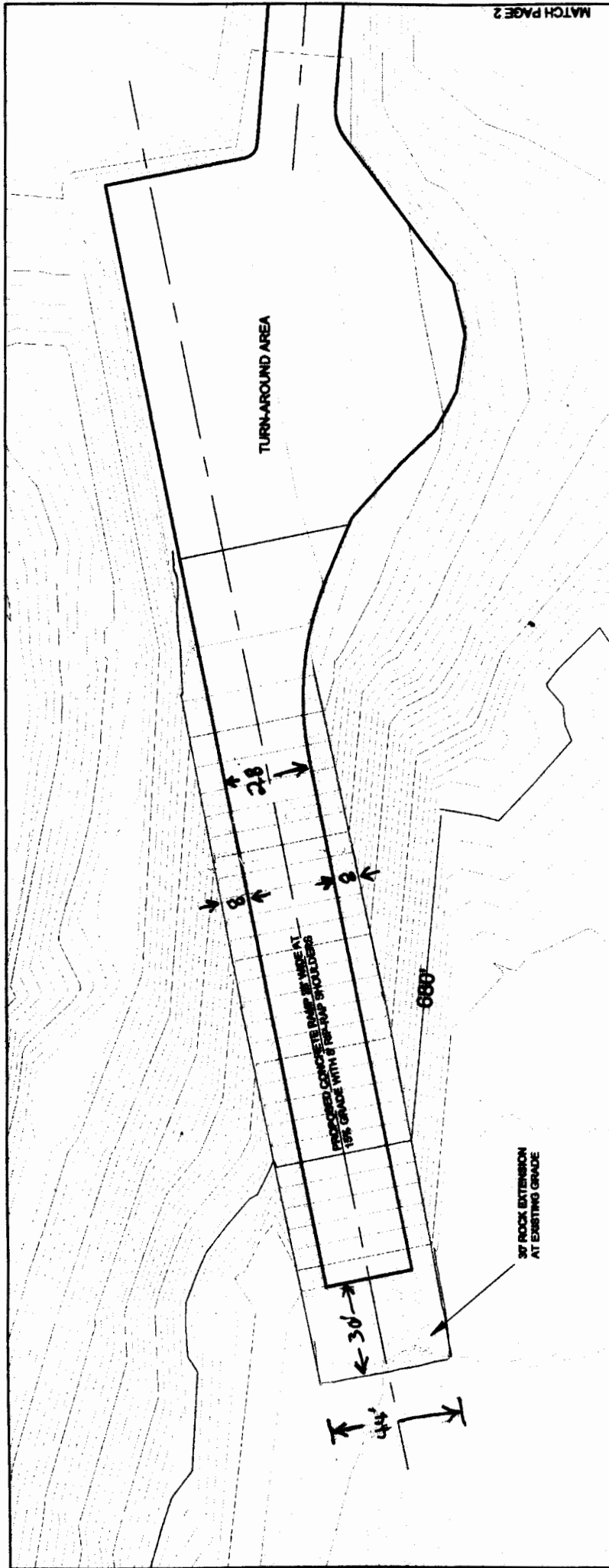
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EXHIBIT A

USGS TOPOGRAPHICAL MAP

JABEZ, KY



MATCH PAGE 2

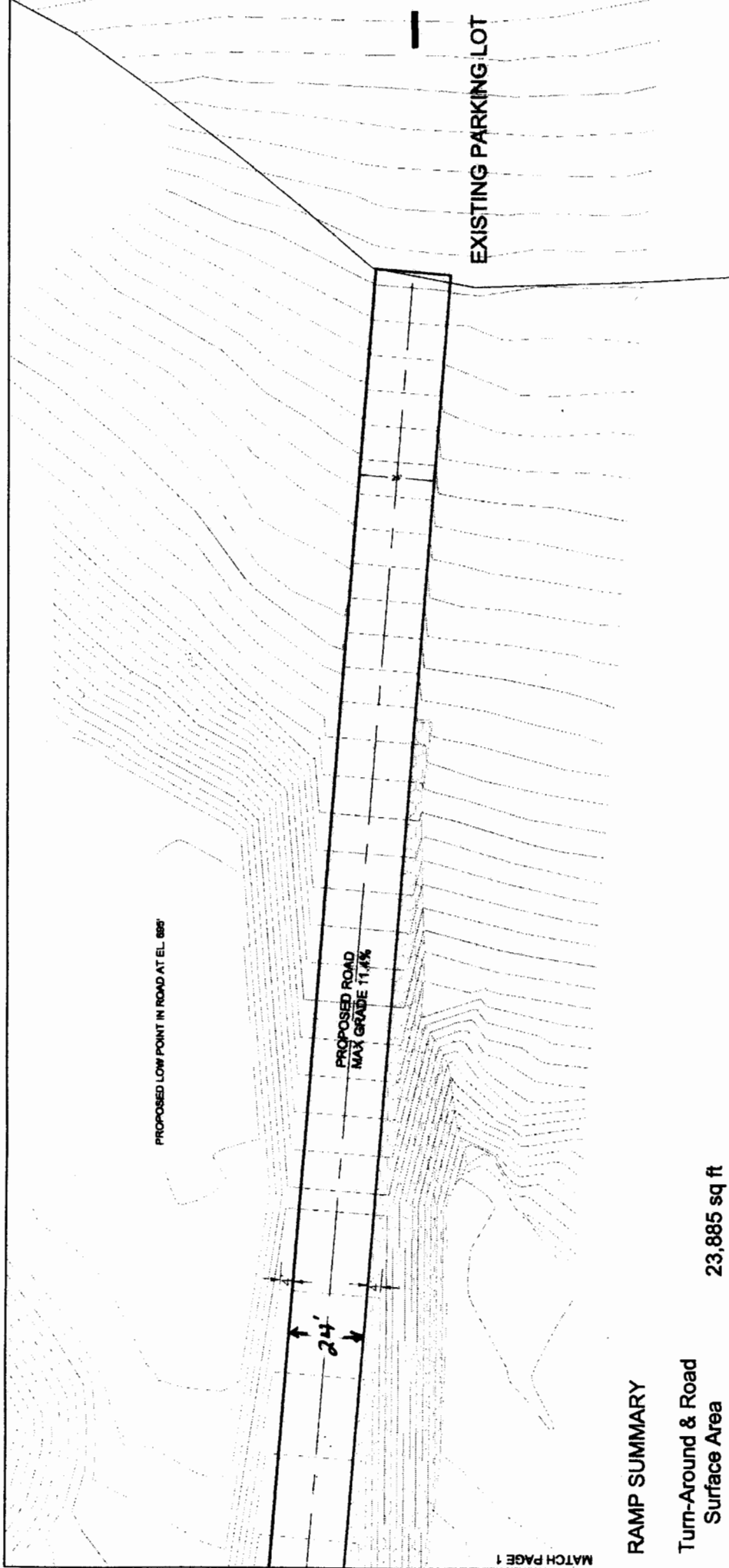
PLAN SHEET #1

<p>ALLIGATOR 1 BOAT RAMP PLANS LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY</p>		<p>DRAWING NO. 17-30</p>
<p>DESIGNED BY K. A. P.</p>	<p>DATE</p>	<p>COMMONWEALTH OF KENTUCKY COMMERCE CABINET DEPARTMENT OF FISH AND WILDLIFE DIVISION OF ENGINEERING FRANKFORT, KENTUCKY</p>
<p>APPROVED BY DATE</p>	<p>APPROVE FOR PROGRAM CONCEPT ONLY</p>	<p>DATE</p>

FILE NO. 200700685

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EXHIBIT B



MATCH PAGE 1

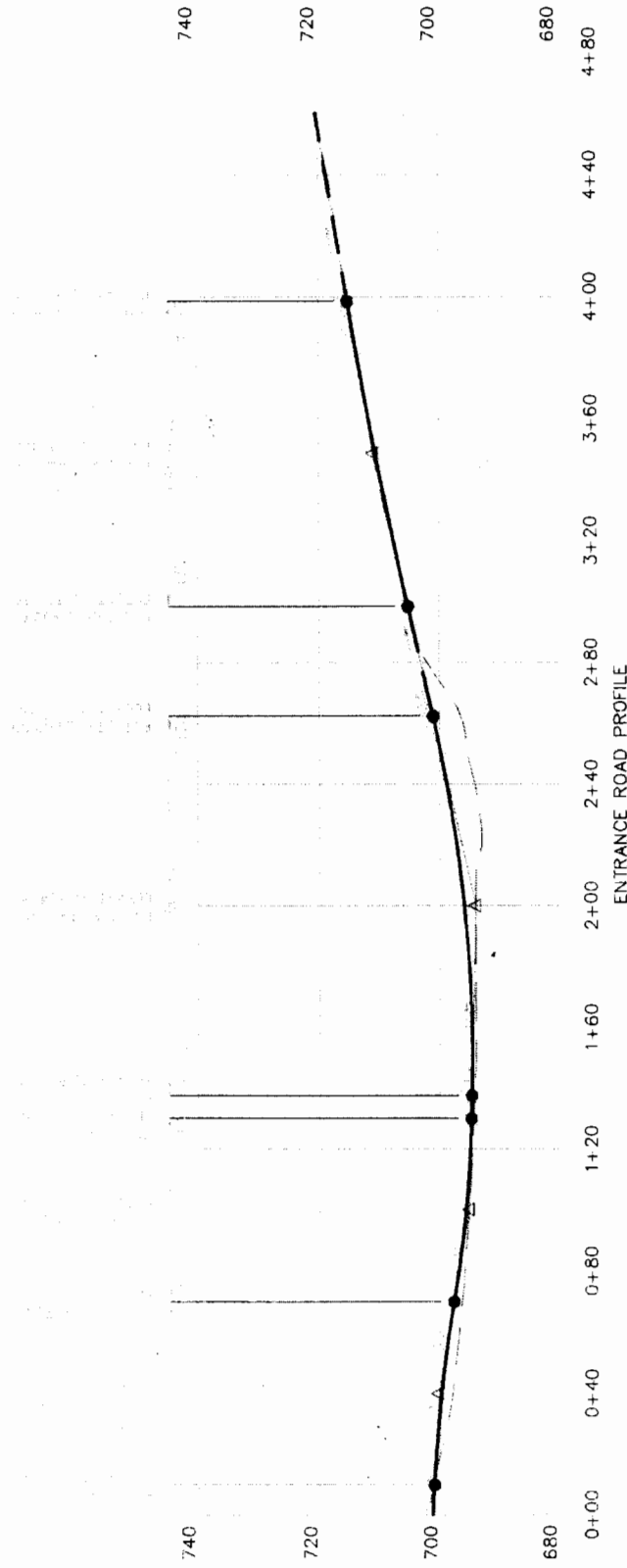
RAMP SUMMARY

Turn-Around & Road	23,885 sq ft
Surface Area	
Concrete	5,923 sq ft
Surface Area	1,500 cu yds
Class III Rock	627 cu yds
Class II Rock	300 cu yds
D.G.A.	300 cu yds
#2 Rock	6 cu yds
#9 Rock	110 cu yds
Concrete	2,970 cu yds
Earthen Cut	2,295 cu yds
Earthen Fill	828 ft
Guard Rail	

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EXHIBIT C

PLAN SHEET #2

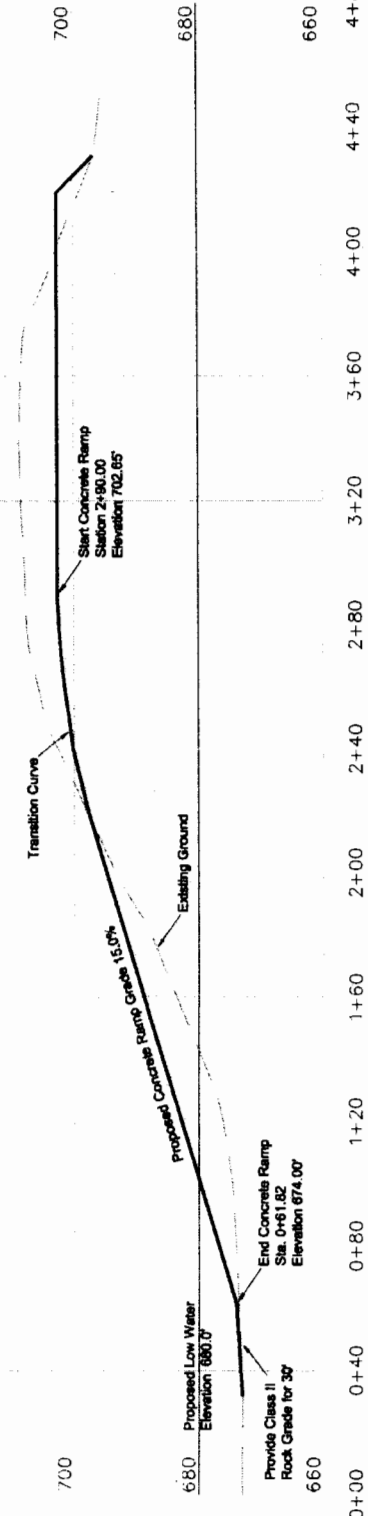
ALLIGATOR 1 BOAT RAMP PLANS LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY			
DRAWN BY K. A. P.	DATE	COMMONWEALTH OF KENTUCKY	DRAWING NO. OF
REVIEWED DATE	DATE	COMMERCE CABINET DEPARTMENT OF FISH AND WILDLIFE DIVISION OF ENGINEERING FRANKFORT, KENTUCKY	SCALE 1" = 30'
AGENCY AUTHORIZED AGENT		DATE	
DIVISION OF ENGINEERING		DATE	



All excavated material shall be used as fill for the entrance roadway and turn-around.

720

720



RAMP PROFILE

PROFILE SHEET

ALLIGATOR 1 BOAT RAMP PLANS LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY			
DRAWN BY K. A. P.	DATE	COMMONWEALTH OF KENTUCKY	DRAWING NO. OF
REVIEWED DIV. OF ENGR.	DATE	COMMONWEALTH OF KENTUCKY	SCALE
APPROVED FOR PROGRAM CONCEPT ONLY		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

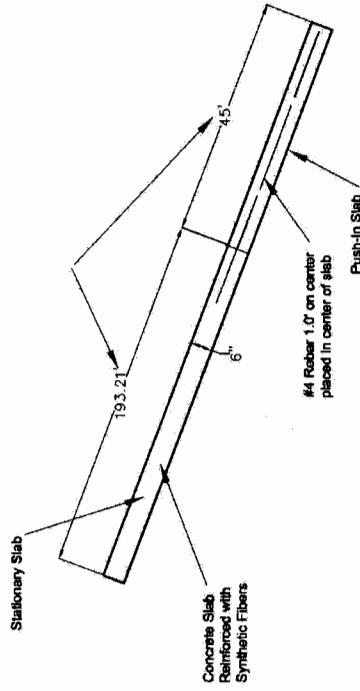
FILE NO. 200700658

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EXHIBIT D

All concrete shall be class "A" (4000 psi) and will contain synthetic fibers.

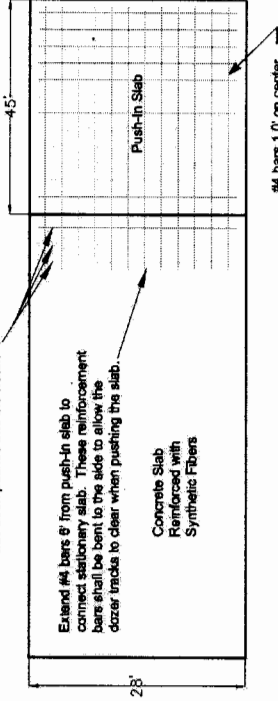
A pad of approximately 3" of DGA will be placed under the stationary slab to prevent bonding to the subsurface.



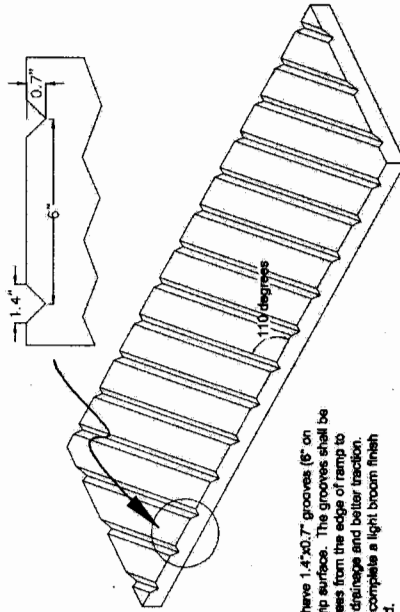
Notes

1. Place a layer of #3 stone covered with 2 sheets of 4 mil plastic under push-in slab to prevent bonding and enable movement of the slab.
2. The 2x6 header board will remain on the upper end of the push-in slab to keep from damaging the slab during placement with a dozer. It is recommended to bring the reinforcement steel out of the push-in slab 2' from the bottom of the slab to allow more of the 2x6 header to be exposed.

The crossing #4 reinforcement rebar will be tied into place after the slab has been pushed into the water.

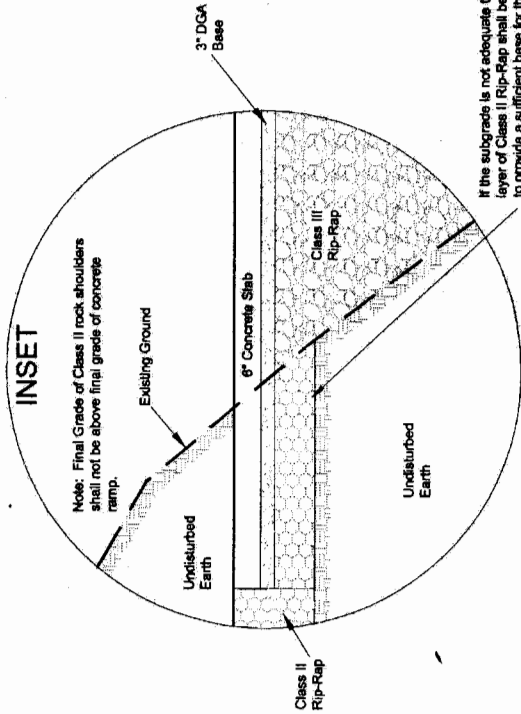


Extend #4 bars 6' from push-in slab to connect stationary slab. These reinforcement bars shall be bent to the side to allow the dozer tracks to clear when pushing the slab.



All concrete shall have 1.4"x0.7" grooves (6" on center) in the ramp surface. The grooves shall be signed 110 degrees from the edge of ramp to allow for surface drainage and better traction. After grooving is complete a light broom finish should be applied.

CONCRETE SURFACE DETAIL



Note: Final Grade of Class II rock shoulders shall not be above final grade of concrete ramp.

If the subgrade is not adequate then a layer of Class II Rip-Rap shall be placed to provide a sufficient base for the rock trucks and concrete slab.

TYPICAL DETAIL SHEET

ALLIGATOR 1 BOAT RAMP PLANS
LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF
ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY

DRAWN BY	DATE	DESIGNED BY	DATE	SPRINKLING NO.	SCALE	FILE NAME
K. A. P.		COMMONWEALTH OF KENTUCKY				
		COMMERCE CABINET				
		DEPARTMENT OF FISH AND WILDLIFE				
		DIVISION OF ENGINEERING				
		FRANKFORT, KENTUCKY				

TYPICAL CROSS SECTION

FILE NO. 200700658

PN 07-34

EXHIBIT E